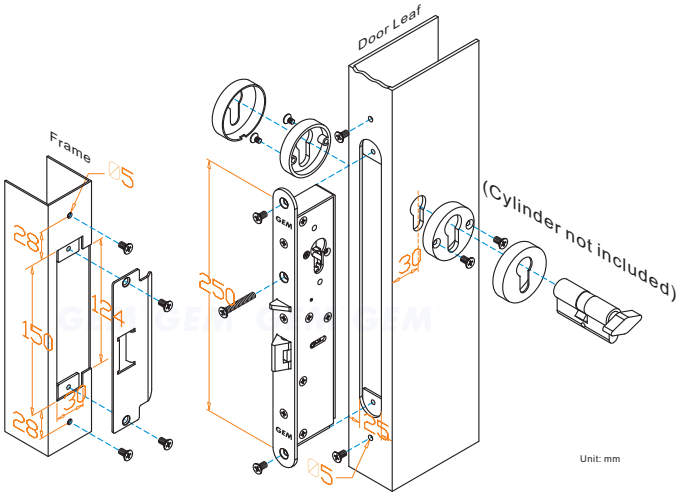
GEM®

ML-300
Electromechanical Lock

RoHS Compliant

Dimension



Features

- Dual voltage 12 or 24 VDC (selectable)
- Version Changeable
- Automatically and manually
- Long life solenoids
- Lock bolt sensor switch output
- For double swing door (ML-300-2)

Specifications

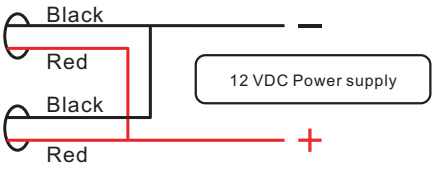
Power Input	12/24V DC
Voltage Tolerance	10%
Current Draw	280m A@12 VDC; 140m A@24 VDC
Version Changeable	Fail-safe/secure changeable
Operating Temperature	-10~45C
Humidity	0~95% non-condensing
Lock bolt sensor switch output	SPDT rated 3A@125VAC
Solenoids testing	Tested to 1,000,000 cycles
Backset	30 mm
Weight	800 g

Patents

M 338884(Taiwan)
Nr 20 2008 005 402.8(Germany)

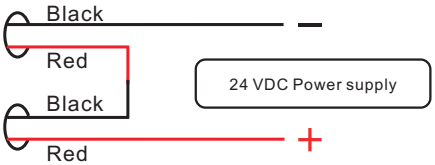
Dual voltage selectable

For the **12 VDC** operation, the electric strikes have to connect **in Parallel**.



(Power input is polarity free)

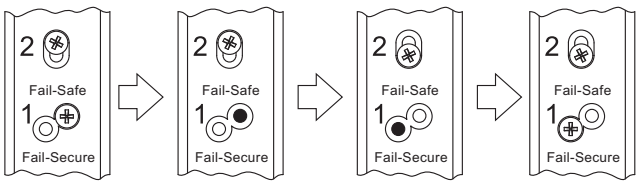
For the **24 VDC** operation, the electric strikes have to connect **in series**.



(Power input is polarity free)

Version Changeable

The Electromechanical Lock is easy changeable between fail-safe and fail-secure in the field. This unique design can help our distributors to reduce the inventory and sales pressure and to meet varying needs and requirements.



"Fail-Safe"
(Power to Lock)

"Fail-Secure"
(Power to Open)

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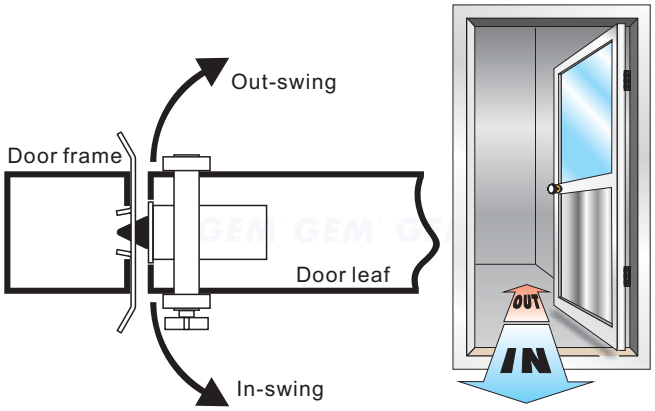
The products are manufactured under an ISO 9001 & QC 080000 Certified Quality Management Program environment back its product quality, performance and commitment to customer satisfaction.

GEM®

ML-300
Electromechanical Lock

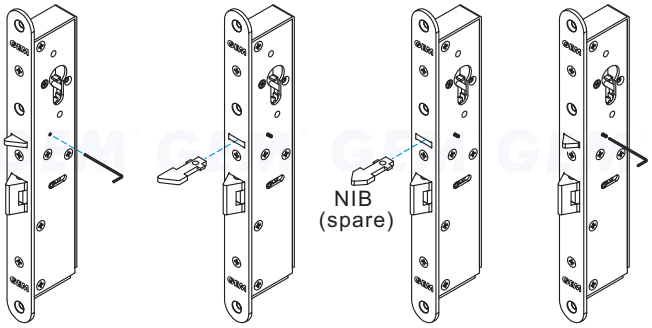
For double swing door

Electromechanical Lock has a special lock bolt. When the door is closed, the lock bolt will automatically deadlocks which it provides enhanced security and greater convenience.



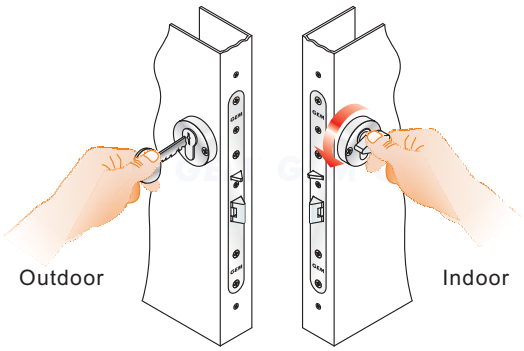
NIB Changeable

Single action door or double action door changeable by a NIB. We also provide optional spare NIB for Double swing door in case necessary.



Automatically and manually

The electromechanical Lock can be used automatically and manually, If the access control system is not be opened for the reasons of that the proximity reader is out of order or that unexpected accident happens, the user have the alternative of using the key cylinder.

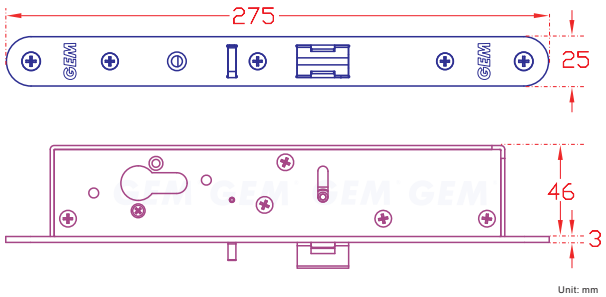


Long life solenoids

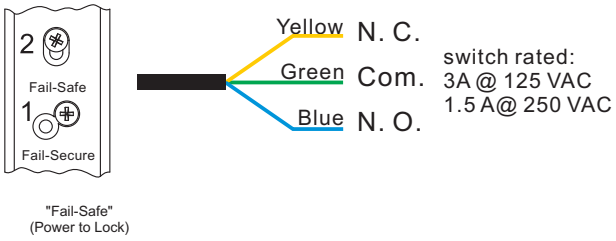
Special solenoid designed for strength and long life and is guaranteed the operating lifetime of at least 1,000,000 times.

Breakthrough in innovation ideas

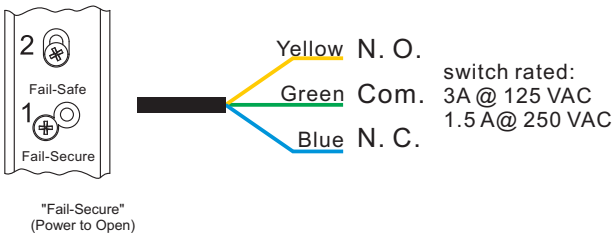
Unobtrusive and slim design can be flush mounted directly into metal such as door mullions. The electromechanical Lock is very lightweight, 25 mm wider faceplate is designed for installation in virtually all types of doors and frames. The rectangular-shaped and arc-shaped faceplate is used to suit the different users' habits of installations.



Lock bolt sensor switch output



"Fail-Safe"
(Power to Lock)



"Fail-Secure"
(Power to Open)

Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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